AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1. (Currently Amended) An active material for a positive electrode of a lithium secondary battery, comprising a lithium-nickel composite oxide of the general formula $Li_x(Ni_{1-y}Co_y)_{1-z}M_zO_2$, where:

$0.98 \leq x \leq 1.10$;

$0.05 \leq y \leq 0.4$;

$0.01 \leq z \leq 0.2$; and

M is chosen from at least one element selected from the group of Al, Zn, Ti, and Mg; wherein:

a. according to Rietveld analysis, the Li site occupancy rate for Li sites in a crystal of the lithium-nickel composite oxide is 98% or greater;

b. the average particle size of spherical secondary particles of the lithium-nickel composite oxide ranges from 5 μm to 15 μm; and

c. when the active material is subjected to a washing process, the difference between the specific surface area of the active material before the washing process and after the washing process is 1.07 m^2/g or less.

~~An active material for positive electrode of a lithium secondary battery, which is expressed by the general formula $Li_x(Ni_{1-y}Co_y)_{1-z}M_zO_2$ (where $0.98 \leq x \leq 1.10$, $0.05 \leq y \leq 0.4$, $0.01 \leq z \leq 0.2$, M = at least one element selected from the group of Al, Zn, Ti, and Mg), wherein according to Rietveld analysis, the Li site occupancy rate for the Li site in~~

~~the crystal is 98% or greater, and the average particle size of the spherical secondary particles is 5 μm to 15 μm.~~

Claim 2. (cancelled)

Claim 3. (Currently Amended)) A lithium secondary battery comprising~~using~~ the active material claims in claim 1 ~~or 2~~ for the positive electrode.